

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST01166WI

This certificate issued to

Kohlman Systems Research, Inc.
319 Perry Street
Lawrence, KS 66044

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product--Type Certificate Number : A21EA

Make : Raytheon

Model : HS 125-700A; Serial No. 257158

Description of Type Design Change : Reduced

Vertical Separation Minimum (RVSM) non-group (individual) airworthiness approval of a Raytheon HS 125-700A aircraft in accordance with Kohlman Systems Research (KSR) Non-group Compliance Report Document No. R02-513, Rev. "B", dated April 15, 2003.

Limitations and Conditions :

1. Incorporation of U.S. STC ST01112WI is a pre-requisite for this STC, and must include IS&S configuration modules 9B-03508-19 (Pilot) and 9B-03508-19 (Copilot).
2. Instructions for Initial and Continued Airworthiness for Raytheon HS 125-700A Aircraft Equipped with Innovative Solutions and Support RVSM Compliant Avionics Qualified for Operations in RVSM Airspace, KSR Document No. R02-518, Rev. "B", dated May 5, 2003, (or later FAA Approved revision) is a required part of this STC.
3. FAA Approved Airplane Flight Manual Supplement for Raytheon HS 125-700A Aircraft Equipped with RVSM Capability, Kohlman Systems Research Document No. R02-517, Rev. "-", dated May 22, 2003, (or later FAA Approved revision) is required to be on board during operation of the aircraft in RVSM airspace.

(See continuation sheet 2 of 2, for Additional Limitations and Conditions)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : February 19, 2003

Date reissued :

Date of issuance : May 22, 2003

Date amended :

By direction of the Administrator



(Signature)

Harvey E. Nero
FAA Program Manager
Wichita Aircraft Certification Office

(Title)

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Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST01166WI

Date of Issuance: May 22, 2003

Limitations and Conditions: (Continuation)

4. This approval is limited to the Raytheon HS 125-700A; Reg. No. N700VT, Serial No. 257158, only.
Descriptive data pertaining to this design change are considered inadequate for duplication on other products.
5. Compatibility of this design change with previously approved modifications must be determined by the installer.
6. If the holder agrees to permit another person to use this certificate, the holder shall give the other person written evidence of the permission.
7. A copy of this certificate must be maintained as part of the permanent records of the aircraft.